

from the manufacturing areas, loading and unloading areas, storage areas, and other areas subject to direct contamination by benzidine or benzidine-containing product as a result of the manufacturing process, including but not limited to:

(1) Stormwater and other runoff except as hereinafter provided in paragraph (c)(1)(ii) of this section, and

(2) Water used for routine cleanup or cleanup of spills.

(ii) These standards do not apply to stormwater runoff or other discharges from areas subject to contamination solely by fallout from air emissions of benzidine; or to stormwater that exceeds that from the ten year 24-hour rainfall event.

(2) *Analytical method acceptable.* (i) Environmental Protection Agency method specified in 40 CFR part 136; or

(ii) Mass balance monitoring approach which requires the calculation of the benzidine concentration by dividing the total benzidine contained in dyes used during a working day (as certified in writing by the manufacturer) by the total quantity of water discharged during the working day.

[*Comment:* The Regional Administrator (or State Director, if appropriate) shall rely entirely upon the method specified in 40 CFR part 136 in analyses performed by him for enforcement purposes.]

(3) *Effluent standards—(i) Existing sources.* Discharges from benzidine-based dye applicators shall not contain benzidine concentrations exceeding an average per working day of 10 μ g/l calculated over any calendar month; and shall not exceed 25 μ g/l in a sample(s) or calculation(s) representing any working day.

(ii) *New sources.* Discharges from benzidine-based dye applicators shall not contain benzidine concentrations exceeding an average per working day of 10 μ g/l calculated over any calendar month; and shall not exceed 25 μ g/l in a sample(s) or calculation(s) representing any working day.

(4) The standards set forth in this paragraph (c) shall apply to the total combined concentrations of benzidine, excluding any associated element or compound.

[42 FR 2620, Jan. 12, 1977]

§ 129.105 Polychlorinated biphenyls (PCBs).

(a) *Specialized definitions.* (1) *PCB Manufacturer* means a manufacturer who produces polychlorinated biphenyls.

(2) *Electrical capacitor manufacturer* means a manufacturer who produces or assembles electrical capacitors in which PCB or PCB-containing compounds are part of the dielectric.

(3) *Electrical transformer manufacturer* means a manufacturer who produces or assembles electrical transformers in which PCB or PCB-containing compounds are part of the dielectric.

(4) The ambient water criterion for PCBs in navigable waters is 0.001 μ g/l.

(b) *PCB manufacturer—(1) Applicability.* (i) These standards or prohibitions apply to:

(A) All discharges of process wastes;

(B) All discharges from the manufacturing or incinerator areas, loading and unloading areas, storage areas, and other areas which are subject to direct contamination by PCBs as a result of the manufacturing process, including but not limited to:

(1) Stormwater and other runoff except as hereinafter provided in paragraph (b)(1)(ii) of this section; and

(2) Water used for routine cleanup or cleanup of spills.

(ii) These standards do not apply to stormwater runoff or other discharges from areas subject to contamination solely by fallout from air emissions of PCBs; or to stormwater runoff that exceeds that from the ten-year 24-hour rainfall event.

(2) *Analytical Method Acceptable—*Environmental Protection Agency method specified in 40 CFR part 136 except that a 1-liter sample size is required to increase analytical sensitivity.

(3) *Effluent standards—(i) Existing sources.* PCBs are prohibited in any discharge from any PCB manufacturer;

(ii) *New sources.* PCBs are prohibited in any discharge from any PCB manufacturer.

(c) *Electrical capacitor manufacturer—(1) Applicability.* (i) These standards or prohibitions apply to:

(A) All discharges of process wastes; and

(B) All discharges from the manufacturing or incineration areas, loading and unloading areas, storage areas and other areas which are subject to direct contamination by PCBs as a result of the manufacturing process, including but not limited to:

(1) Stormwater and other runoff except as hereinafter provided in paragraph (c)(1)(ii) of this section; and

(2) Water used for routine cleanup or cleanup of spills.

(ii) These standards do not apply to stormwater runoff or other discharges from areas subject to contamination solely by fallout from air emissions of PCBs; or to stormwater runoff that exceeds that from the ten-year 24-hour rainfall event.

(2) *Analytical method acceptable.* Environmental Protection Agency method specified in 40 CFR part 136, except that a 1-liter sample size is required to increase analytical sensitivity.

(3) *Effluent standards*—(i) *Existing sources.* PCBs are prohibited in any discharge from any electrical capacitor manufacturer;

(ii) *New sources.* PCBs are prohibited in any discharge from any electrical capacitor manufacturer.

(d) *Electrical transformer manufacturer*—(1) *Applicability.* (i) These standards or prohibitions apply to:

(A) All discharges of process wastes; and

(B) All discharges from the manufacturing or incineration areas, loading and unloading areas, storage areas, and other areas which are subject to direct contamination by PCBs as a result of the manufacturing process, including but not limited to:

(1) Stormwater and other runoff except as hereinafter provided in paragraph (d)(1)(ii) of this section; and

(2) Water used for routine cleanup or cleanup of spills.

(ii) These standards do not apply to stormwater runoff or other discharges from areas subject to contamination solely by fallout from air emissions of PCBs; or to stormwater runoff that exceeds that from the ten-year 24-hour rainfall event.

(2) *Analytical method acceptable.* Environmental Protection Agency method specified in 40 CFR part 136, except

that a 1-liter sample size is required to increase analytical sensitivity.

(3) *Effluent standards*—(i) *Existing sources.* PCBs are prohibited in any discharge from any electrical transformer manufacturer;

(ii) *New sources.* PCBs are prohibited in any discharge from any electrical transformer manufacturer.

(e) *Adjustment of effluent standard for presence of PCBs in intake water.* Whenever a facility which is subject to these standards has PCBs in its effluent which result from the presence of PCBs in its intake waters, the owner may apply to the Regional Administrator (or State Director, if appropriate), for a credit pursuant to the provisions of §129.6, where the source of the water supply is the same body of water into which the discharge is made. The requirement of paragraph (1) of §129.6(a), relating to the source of the water supply, shall be waived, and such facility shall be eligible to apply for a credit under §129.6, upon a showing by the owner or operator of such facility to the Regional Administrator (or State Director, if appropriate) that the concentration of PCBs in the intake water supply of such facility does not exceed the concentration of PCBs in the receiving water body to which the plant discharges its effluent.

[42 FR 6555, Feb. 2, 1977]

PART 130—WATER QUALITY PLANNING AND MANAGEMENT

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